

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055381.D
 Acq On : 18 Sep 2023 19:16
 Operator : MD/SY
 Sample : 04398-06 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4Q0

Quant Time: Sep 19 01:17:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

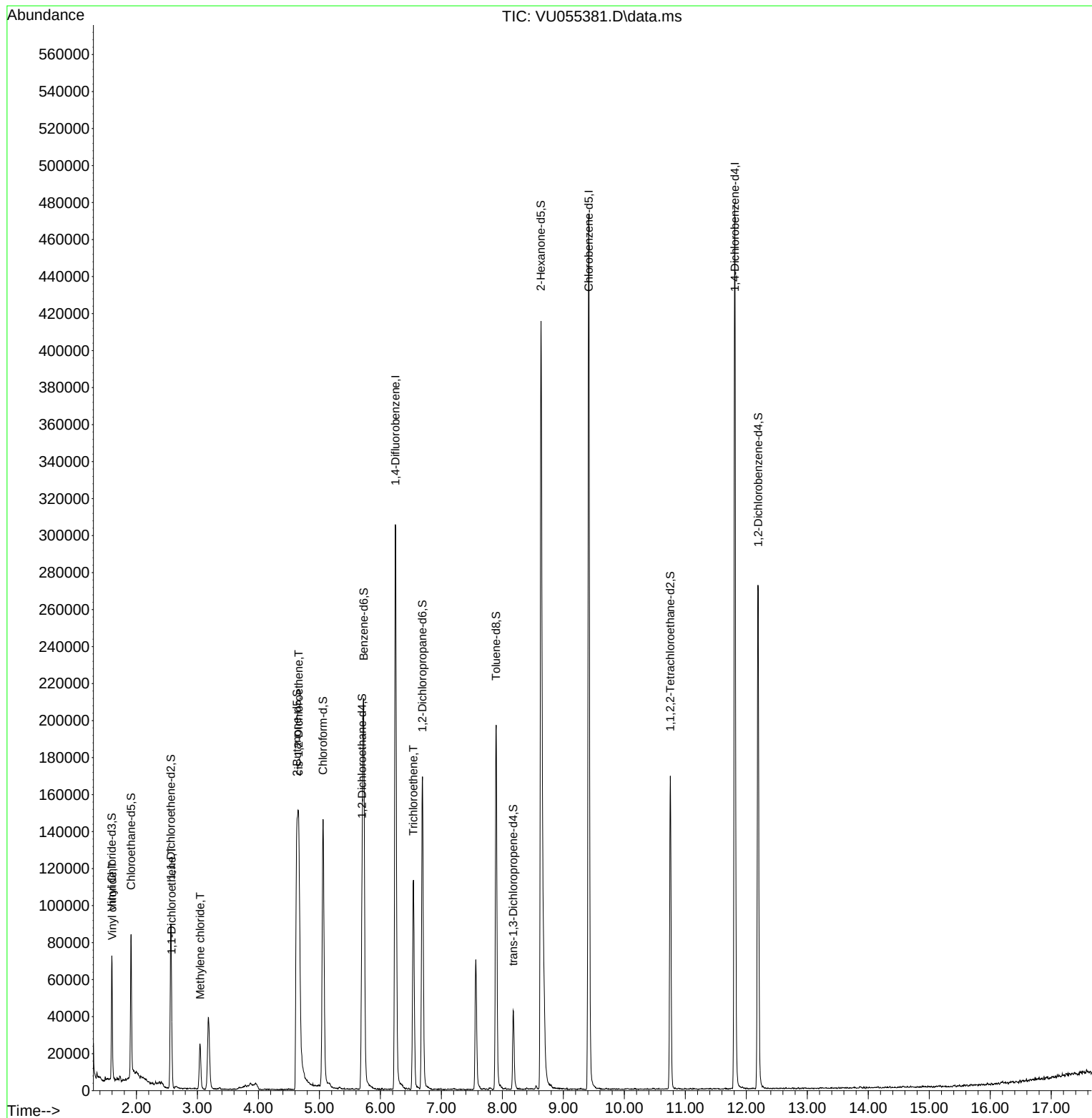
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	258817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	127149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44059	2.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.911	69	53440	3.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.563	65	16198	3.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.631	46	239578	58.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.058	84	134163	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.698	65	74383	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.724	84	198443	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.689	67	80889	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.898	98	136583	2.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.400%#
43) trans-1,3-Dichloroprop...	8.177	79	26630	3.995	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.631	63	132886	54.792	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84660	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	73842	4.510	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3923	0.153	ug/L	86
12) 1,1-Dichloroethene	2.576	96	2464	0.135	ug/L	# 1
16) Methylene chloride	3.042	84	11749	0.433	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	42614	1.819	ug/L	98
34) Trichloroethene	6.541	95	37733	1.523	ug/L	95

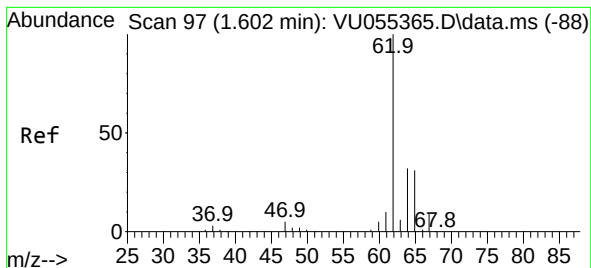
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.153 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055381.D

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MSVOA_U

ClientSampleId :

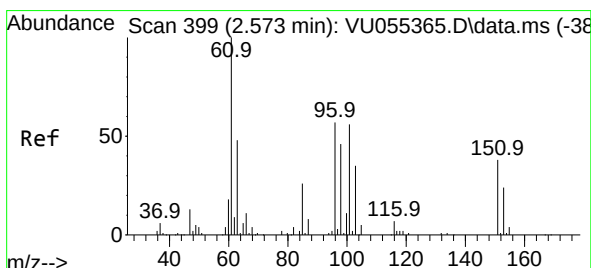
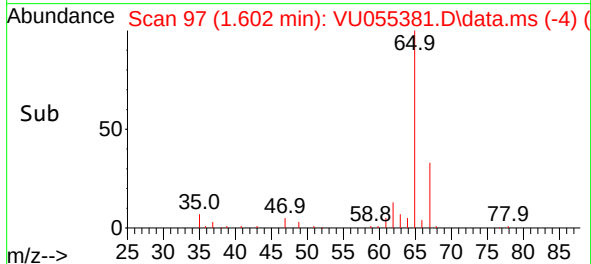
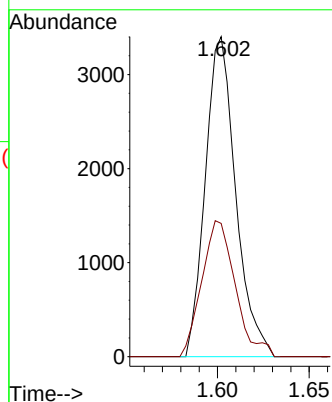
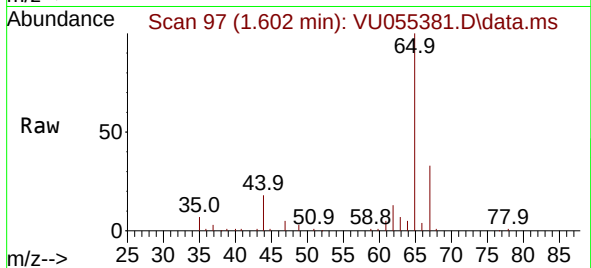
BH4Q0

Tgt Ion: 62 Resp: 3923

Ion Ratio Lower Upper

62 100

64 41.7 23.4 43.6



#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055381.D

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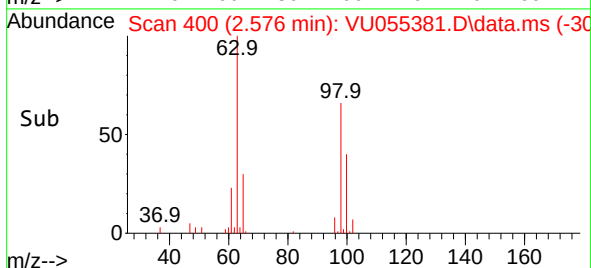
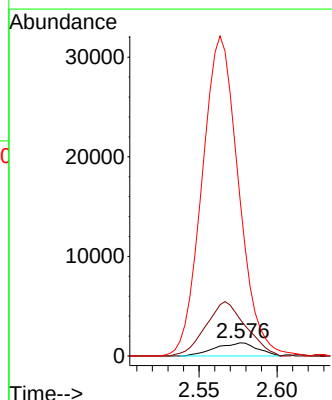
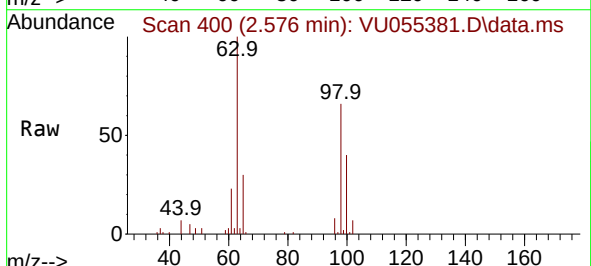
Tgt Ion: 96 Resp: 2464

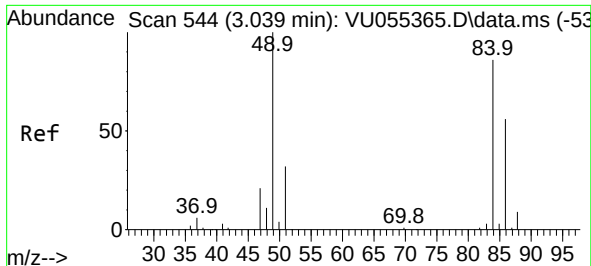
Ion Ratio Lower Upper

96 100

61 281.0 122.8 228.0#

63 1200.0 71.7 133.3#

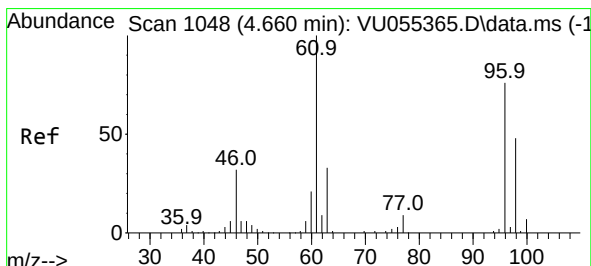
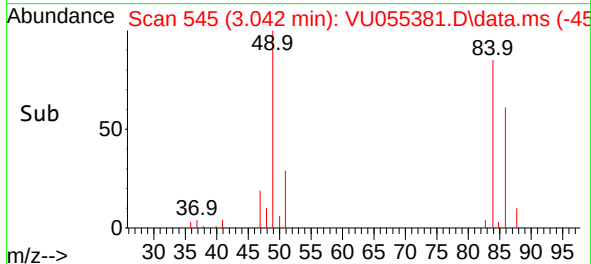
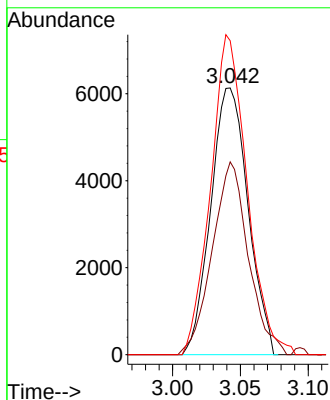
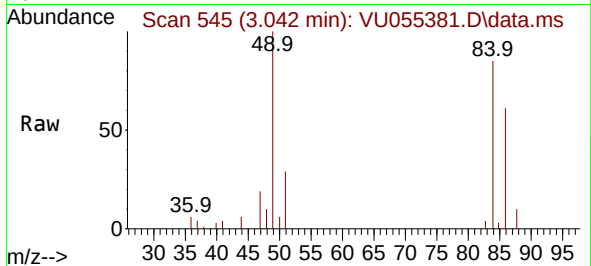




#16
Methylene chloride
Concen: 0.433 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055381.D
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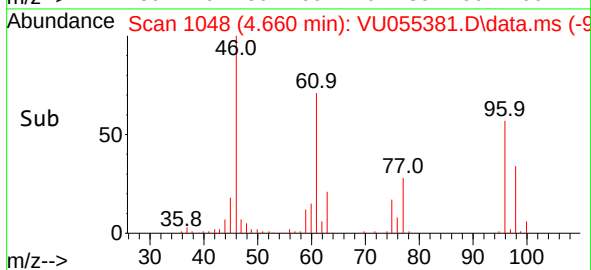
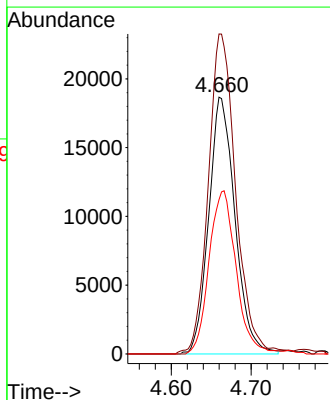
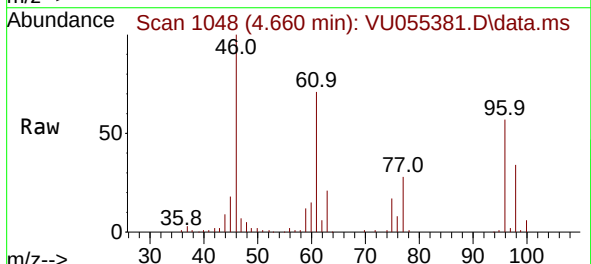
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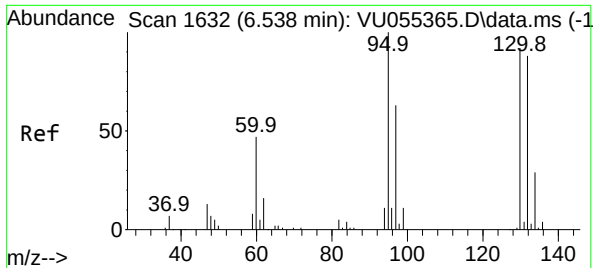
Tgt Ion: 84 Resp: 11749
Ion Ratio Lower Upper
84 100
86 72.3 42.4 78.8
49 117.7 79.9 148.3



#22
cis-1,2-Dichloroethene
Concen: 1.819 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055381.D
Acq: 18 Sep 2023 19:16

Tgt Ion: 96 Resp: 42614
Ion Ratio Lower Upper
96 100
61 124.6 88.1 163.7
98 60.1 43.5 80.7





#34
 Trichloroethene
 Concen: 1.523 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU055381.D
 Acq: 18 Sep 2023 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4Q0

Tgt Ion: 95 Resp: 37733

Ion	Ratio	Lower	Upper
95	100		
97	64.9	47.4	88.0
132	93.8	60.5	112.3
130	100.2	68.5	127.1

